

Notice of Allowability

Application No.

10/688,368

Examiner

Henry K. Choe

Applicant(s)

TAYRANI ET AL.

Art Unit

2817



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 3/1/05.
2. ☒ The allowed claim(s) is/are 1,4-11,13 and 15-27.
3. ☒ The drawings filed on 17 October 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 5/4/05.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.


HENRY CHOE
PRIMARY EXAMINER

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Leonard Alkov on 4/27/05.

In line 5 of claim 1,

--; wherein said means for filtering includes first means for separating an input signal into plural intermediate signals, and wherein said means for amplifying includes second means for amplifying said plural intermediate signals via one or more high-speed switches and providing plural amplified signals in response thereto, wherein said means for filtering further includes third means for employing common mode rejection to filter said plural amplified signals, yielding a single output signal in response thereto, and wherein said first means includes a broadband input balun that receives said input signal and provides a first intermediate signal and a second intermediate signal as output in response thereto, said broadband input balun sufficient to impart approximately 180 degrees of relative signal phase rotation between said first intermediate signal and said second intermediate signal so that said intermediate signals are approximately 180

degrees out of phase-- has been added between "thereto" and ".".

In line 3 of claim 13, --;-- has been added between "channel" and "and".

In line 4 of claim 13, --; wherein said broadband balun is a broadband input balun, and wherein said amplifier further includes an output circuit connected at an output of said switch, said output circuit having a broadband output balun that provides

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a single output channel from said two or more channels—has been added between “channels” and “.”.

Claims 2, 3, 12, 14, 28 and 29 have been cancelled.

In line 1 of claim 4, “3” has been changed to –1--.

In line 1 of claim 10, “Claim_9” has been changed to –Claim 9--.


In line 1 of claim 15, “14” has been changed to –13--.

In line 1 of claim 16, “14” has been changed to –13--.

In line 1 of claim 26, “14” has been changed to –13--.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Henry Choe whose telephone number is (571) 272-1760.


HENRY CHOE
PRIMARY EXAMINER